

## Harper's Spotlight Kit.

This spotlight kit will fit 1998 thru current cruiser models. EV, Jackal, Bassa, California Special, California Special Sport, Stone, Stone Metal, Etc.

The wiring in this kit will need to be made to fit your specific motorcycle. With variances in handle-bars, switch placement and other issues beyond our control, we were not able to premake the harness. However everything you will need is included.

The following instructions are a suggested installation. Some may have a variance in the way you wish to wire.

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Parts enclosed include.

1pr	Spotlite Brackets	1	Fuse Holder
2	Spotlites	1	fuse
2	Spotlite spacers	1	6' length wire
1	Switch	1	ring wire end
1	Switch Bracket	2	small ring wire end
6	6x15 stainless cap screws	1	2' length shrink wrap
6	6mm flat washers	1	piggyback spade connector
2	6mm locknuts	1	male spade connector
3	5" zip ties	1	female spade connector

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Necessary tools include:

4mm Allen Key	8mm, 10mm and 13 mm wrenches
5mm Allen Key	9/16 socket and ratchet
Wire cutters, strippers, crimpers	Small Common and Phillips screwdrivers
Hair dryer or heat gun	

## Installation instructions

1. Be sure ignition is off. Remove seat, right side cover and right upper frame cover in front of fuel tank.



2. Feed wire along frame under fuel tank. Be careful as to make sure the wire is not pinched. Attach blue ring connector to end of wire. Lay the wire out as to locate the fuse holder in accessible yet inconspicuous place. Cut the wire and insert the fuse holder and fuse. Use two zip ties to secure wire to frame. Do not attach to battery at this time.



3. Feed front of wire up thru triple clamp and thru dash along handlebar to clutch lever mount. Install the switch bracket on the lower clamp bolt. Determine the proper length of wire needed and cut to appropriate length. Feed remaining wire back thru dash leaving the same amount extending to the switch. Trim two 1" pieces off from the end of the heat shrink tubing and use the rest to slide down over the exposed wire from the switch to the dash.



Strip the two wire ends at the switch, cover each wire with small pieces of heat shrink tubing and crimp on the small ring connectors. Attach ring connectors to switch and mount switch in



4. Remove the headlight unit and lay it on a towel on the front fender to keep from scratching. Attach each spotlight bracket to the appropriate side. The brackets attach to the turnsignal mounting point and the side screw in the bottom triple clamp. Use the 6x15 mm allen bolts to attach.



5. Mount spotlights to each bracket using the spacers. Attach the wires to the beam, feed wire thru bolt and attach piggyback spade connector on one spotlight wire and the female spade connector on the opposing spotlight wire. Install the male spade connector to the wire returning from the switch. Connect the three wires together, and wrap with electrical tape.

6. Mount turn signals in lower holes with remaining 6x15mm bolts, washers and locknut.



Reinstall headlight. Make final adjustments to positions of spotlights and headlight. Connect to battery